

Ewoldt, Gerald

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<!--StartFragment-->RESULT 1
US-10-703-032-162259
; Sequence 162259, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules
Associated With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 162259
; LENGTH: 217
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; NAME/KEY: unsure
; LOCATION: (1)..(217)
; OTHER INFORMATION: unsure at all Xaa locations
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_56677.pep
US-10-703-032-162259

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Best Local Similarity 100.0%;
Matches    10; Conservative    0; Mismatches    0; Indels
0; Gaps    0;

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Db          121 EEQLRELRRQ 130

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<!--StartFragment-->RESULT 1
US-10-703-032-118877
; Sequence 118877, Application US/10703032
; Patent No. 7214786
; GENERAL INFORMATION:
; APPLICANT: Kovalic, David K.
; APPLICANT: Andersen, Scott E.
; APPLICANT: Byrum, Joseph R.
; APPLICANT: Conner, Timothy W.
; APPLICANT: Cao, Yongwei
; APPLICANT: Masucci, James D.
; APPLICANT: Zhou, Yihua
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated
With
; TITLE OF INVENTION: Plants
; FILE REFERENCE: 38-21(53374)B
; CURRENT APPLICATION NUMBER: US/10/703,032
; CURRENT FILING DATE: 2003-11-06
; PRIOR APPLICATION NUMBER: 10/020,338
; PRIOR FILING DATE: 2001-12-12
; NUMBER OF SEQ ID NOS: 211164
; SEQ ID NO 118877
; LENGTH: 588
; TYPE: PRT
; ORGANISM: Triticum aestivum
; FEATURE:
; OTHER INFORMATION: Clone ID: PAT_TA_13295.pep
US-10-703-032-118877

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Query Match          100.0%; Score 3042; DB 3; Length 588;
Best Local Similarity 100.0%;
Matches 588; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db      1 MATRGRATIPLLFLLGTSLLFAAAVSASHDEEDRRGGRSLQRCVQRCQQDRPRYSHARC 60

Qy     61 VQECRDDQQQHGHRHEQEEQGRGHRHGEGEREEEQGRGRGRRGQGEREEEQGRGRGRGRGE 120
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Db     61 VQECRDDQQQHGHRHEQEEQGRGHRHGEGEREEEQGRGRGRRGQGEREEEQGRGRGRGRGE 120

Qy    121 GERDEEHGDGRRPYVFGPRSFRRRIIRSDHGFVKALRPFDEVSRLLRGIRNYRVAIMEVNP 180
      ||||||||||||||||||||||||||||||||||||||||||||||||||||||||
Db    121 GERDEEHGDGRRPYVFGPRSFRRRIIRSDHGFVKALRPFDEVSRLLRGIRNYRVAIMEVNP 180

Qy    181 RAFVVPGLTDADGVGYVAQQEGVLTVIENGEKRSYTVRQGDVIVAPAGSIMHLANTDGRR 240
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Db    181 RAFVVPGLTDADGVGYVAQQEGVLTVIENGEKRSYTVRQGDVIVAPAGSIMHLANTDGRR 240

Qy    241 KLVIAKILHTISVPKGFQYFSAKPLLASLSKRVLTAALKTSDERLGSLLGSRQGKEEEEK 300

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Db      301  SISIVRASEEQLRELRRQASEGDQGHWWPLPPFRGDSRDTFNLLEQRPKIANRHGRLYEA 360
Qy      361  DARSFHALAQHDVRVAVANITPGSMTAPYLNTQSFKLAVVLEGEGEVEIVCPHLGRDSER 420
Db      361  DARSFHALAQHDVRVAVANITPGSMTAPYLNTQSFKLAVVLEGEGEVEIVCPHLGRDSER 420
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Db      421  REQEHGKGRWRSEEEEDRRQRRRGSGSESEEEQDQQRYEIVRARVSRGSAFVVP GHP 480
Qy      481  VVEIASSRGSSNLQVVCFEINAERNERNVLAGRNNVIAKLDDPAQELAFGRPAREVQEVF 540
Db      481  VVEIASSRGSSNLQVVCFEINAERNERNVLAGRNNVIAKLDDPAQELAFGRPAREVQEVF 540
Qy      541  RAKDQQDEGFVAGPEQQQEHERGDRRRGDRGRGDEAVEAFLRMATAAL 588
Db      541  RAKDQQDEGFVAGPEQQQEHERGDRRRGDRGRGDEAVEAFLRMATAAL 588

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